Connecting to SWTAFE Student Wireless Network: Windows XP

This document is designed as a guide for personal/home notebooks that are not owned by SWTAFE to assist in connecting to the SWTAFE Wireless network. You are probably reading this because you haven’t been able to connect. Please read on and you will be connected in no time. If staff members are using their own notebooks to connect they can use this guide by substituting the student for staff all else is the same.

1. Make sure that your wireless card is turned on. It is usually a physical button or using a combination of the Fn (Function) button and a F5, F6 etc button at the top of your keyboard to turn the wireless on and off.
2. Click on the wireless icon in the bottom right corner of your screen. (See below circled in red)
3. Click on SWTAFE-STUDENT. Then click the connect button. (See below)
4. Click on “Change advanced settings”.

[Image of network connection window with options]

- **SWTAFE-STUDENT**
  - Validating identity
  - Security-enabled wireless network (WPA)

- **SWTAFE-GUEST**
  - Unsecured wireless network

- **SWTAFE-STAFF**
  - Security-enabled wireless network (WPA)

- **SWTAFE-VOICE**
  - Security-enabled wireless network (WPA)

- **ElectroTechWiFi**

- **WASC-0010c6feb4b8-PHILIPS**
  - Security-enabled computer-to-computer network
5. Click on “Wireless Networks” tab.

6. Make sure that SWTAFE-STUDENT is selected then click on the “Properties” button.
7. **SWTAFE-STUDENT properties window**
   a. Check that “Network Authentication” is on WPA and “Data Encryption” is set to TKIP
   b. Click on the “Authentication” tab.

8. Make sure “EAP type” is “Protected EAP (PEAP)”, then click Properties.
9. Protected EAP properties
   a. Make sure that “Validate server certificate” is unticked.
   b. Click the “Configure” button.

10. Make sure that “Automatically use my Windows logon name and password (and domain if any)” is unticked. Click the “OK” button.

11. Keep clicking “OK” until all the windows are gone.
12. Click on the balloon shown below to enter your user name and password to connect to the wireless network.

13. Enter your Credentials as shown below eg. abc12345678 (your student id), then click OK.
14. You will now be connected to the wireless network when you see the balloon below.

15. Open a browser and browse to an Internet web site e.g. Google.com, Yahoo.com etc.

16. When you are prompted for a user name password (see picture below). Enter your network user name preceded by swtafe\ e.g. swtafe\abc12345678 and then your password as the format below. Once this is entered correctly you can the browse the Internet.

*N.B. Make sure that you use a back slash \ not a forward slash / when entering your user name otherwise it will not work (it is above the enter key with the | character)*
General Wireless Settings

Network Security
  • WPA for Windows XP Service Pack 2 and below
  • WPA2 Enterprise for Windows XP Service Pack 3 and above (Vista, Windows 7, OS X 10.5, 10.6)

Data Encryption
  • For WPA use TKIP
  • For WPA2 Enterprise use AES

Authentication type
  • Protected EAP (PEAP)

Tips
  • If it doesn’t connect after following this guide, then try turning your wireless off and back on again.
  • If it still doesn’t connect, try restarting your computer.
  • If it still doesn’t work, come and see ICT Services in A Building Level 1.